ENVIRONMENTAL CHECKLIST

for

NEW HIGH SCHOOL IN FEDERAL WAY

JUNE 2000

Prepared For:

Rod Leland, Director of Facilities
Federal Way School District
1066 South 320th
Federal Way, WA 98003-5338

Prepared By:
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Project Planner

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Principal

200095.30

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

A. BACKGROUND

1. Name of proposed project, if applicable:

   New High School in Federal Way

2. Name of applicant:

   Federal Way School District

3. Address and phone number of applicant and contact person:

   Applicant: **Federal Way School District**
   Contact: **Mr. Rod Leland, Director of Facilities**
   Address: **1066 South 320th Street**
   Federal Way, WA 98003-5338
   Phone: **(253) 945-5934**
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   Agent: **Mr. Michael Kattermann, AICP**
   AHBL, Inc.
   Address: **2215 North 30th Street, Suite 300**
   Tacoma, WA 98403
   Phone: **(253) 383-2422**
   Fax: **(253) 383-2572**
   E-mail: **mkattermann@ahbl.com**

4. Date checklist prepared:

   June 23, 2000

5. Agency requesting checklist:

   City of Federal Way.

6. Proposed timing or schedule (including phasing, if applicable):

   The applicant seeks to begin construction when all necessary approvals and permits are obtained. Environmental approval by the City of Federal Way will be necessary in order to complete state funding requirements by the Fall of 2000. The opening of the school is scheduled for the Fall of 2003.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

Not at this time.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

David Evans and Associates prepared a boundary and topographic survey for the site in April 2000.

Adolfson and Associates prepared a Sensitive Areas Study in June 2000. A Wetland Buffer Mitigation Plan will be prepared by Adolfson and Associates and submitted to the City in July 2000.

The Transpo Group prepared a Traffic Impact Analysis in June 2000.

Associated Earth Sciences, Inc. prepared a Preliminary Summary Subsurface Exploration and Geologic Hazard Evaluation in June 2000.

David Evans and Associates will prepare a Conceptual Planting Plan.

Civil plans will be prepared by AHBL, Inc. and will include a storm drainage and grading, sewer, water, off-site road improvements, and a Technical Information Report for storm drainage. These plans will be submitted to the City and other applicable agencies for review and approval.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

Not known.

10. List any government approvals or permits that will be needed for your proposal, if known.

The applicant requires SEPA determination and various site development engineering and building permit approvals from the City of Federal Way. The project will require Process III review by the city that includes design review. If the applicant chooses to pursue a variance from the height restrictions in the city code then a Process IV approval will also be required.

The project applicant will need to get approval from the Lakehaven Utility District for an extension of water and sewer service to the project site. An NPDES Permit from the Department of Ecology will be required. If the applicant chooses to seek a modification or buffer averaging for any of the wetlands on the site, a Process III or Process IV review will be required.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

The Federal Way School District is proposing the construction of a new high school that will serve approximately 1,300 students and employ approximately 115 staff. The proposed school is a public education facility serving ninth through twelfth grade, with education as its primary function. School facilities include bus loading areas, visitor and staff parking, athletic fields, fire access lanes, classrooms, food service areas, and other common school development. Public sewer system, public water, and private driveways will serve the school.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The proposed high school site is located in the City of Federal Way on the northwest corner of 16th Avenue South and South 364th Way, in King County, Washington (Section 29, Township 21 North, and Range 4 East). The project is located on the following parcel numbers: 292104-0131 and 292104-0025. A legal description, site plan, and parcel map are attached as exhibits to this checklist.

B. ENVIRONMENTAL IMPACTS

1. EARTH

a. General description of the site (circle one): flat, **rolling**, hilly, steep slopes, mountainous, other:

b. What is the steepest slope on the site (approximate percent slope)?

The steepest slope occurring on the site is approximately 15%.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, mulch)? If you know the classification of agricultural soils, specify them and note any prime farmland.

According to the Geotechnical Report by Associated Earth Sciences, Inc., dated May 2000, gravelly, sandy loam, silty loam, and clay loams occupy the site. According to the U.S. Department of Agriculture Soil Conservation Service King County Area Soil Survey the site is made up of four soil types: Alderwood gravelly sandy loam, 6 to 15 percent slopes (AgC), Everett gravelly sandy loam, 5 to 15 percent slopes (EvC), Kitsap silt loam, 2 to 8 percent slopes (KpB), and Bellingham silt loam (Bh).

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There is no surface indication or history of unstable soils in the immediate vicinity of the site.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Grading will be necessary to prepare the site for the construction of the buildings, access, parking, athletic fields and areas for landscaping. The grading plan will be designed to balance the quantities of on-site grade and fill material as closely as possible. Approximately 200,000 cubic yards of soil will be relocated within the site. A grading plan will be submitted to the City of Federal Way for review and approval. Some retaining walls will be necessary to provide flat level areas for athletic fields.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion is possible during site clearing and construction. After the site is stabilized, there will be very little potential for erosion.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Approximately 25.6% (9.67 acres) of the 37.67 acre site will be covered by impervious surfaces upon completion of the project.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

A temporary erosion and sedimentation control (ESC) plan will be submitted to the City of Federal Way for review and will be implemented during construction. All approved mitigation measures will be implemented accordingly before and during construction, including Best Management Practices.

The intent of the ESC plan is to prevent the transport of sediment to streams, wetlands, and adjacent properties. The following minimum ESC measures will be provided: perimeter fencing along down slopes, cover controls and construction sequencing. It will also include filter-fabric, quarry spall construction entrances, interceptor ditches, rock check dams, and sediment ponds. This plan will meet the requirements of the 1998 King County Surface Water Design Manual with City of Federal Way amendments.

2. AIR

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Construction activities at the site will stir up dust particles. Construction vehicles and equipment will also be a potential source of exhaust emissions. Once the building is occupied, the primary sources of emissions will be automobile, bus, and truck exhaust.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

With the exception of motor vehicle exhaust from Interstate 5, there are no off-site sources of emissions or odor that would affect the project.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Watering the ground as needed before and during clearing and grading activities will control dust particles. Construction vehicles

are typically equipped with factory-installed mufflers and spark arrestors that will control excessive emissions.

3. WATER

a. Surface:

1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Adolfson and Associates performed a field visit on March 29, 2000 and delineated three wetlands on the west side of the property. Wetland A/D is a Category I wetland associated with the North Fork of the Hylebos Creek and requires a 200-foot buffer. Wetland A/D extends into the undeveloped City of Federal Way Park Department property located west of the project site. Wetland B is a Category III wetland that is less than 10,000 square feet located east of Wetland A/D and requires a 25-foot buffer. Wetland C is located east of Wetland A/D and entirely within the Buffer for Wetland A/D and is smaller than 2,500 square feet and therefore is not regulated by the City of Federal Way.

Adolfson and Associates prepared a sensitive areas study and technical report. The study, which is attached, includes wetland determinations, wetland delineations, and a functional value assessment. It also included a fish and habitat conservation area evaluation.

2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

While most of the site work will occur outside the required buffers established around the wetlands, grading for the dispersal trenches, vegetation and planting of buffers will require work in the buffers. It is also possible that stormwater ponds will need to be placed in the eastern half of the buffers.

The purpose of the buffer intrusion will be to support the existing hydrology of the wetland area once the project is complete. The intrusion is proposed in order to prevent the impacts to the wetland hydrology from the high school project. The stormwater ponds will be located in areas that are not currently forested to the extent possible. The proposed water feature will control access by students to wetland area. As mitigation for intrusion

into the wetland, we will enhance the area immediately adjacent with plantings.

3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

   There will be no fill and dredge material that would be placed in or removed from the wetlands or wetland buffers on the property or on the adjacent property.

4. Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

   No.

5. Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

   According to FIRM Flood Insurance Rate Map number 53033C0450 D the site is in an area determined to be outside the 500-year flood plain.

6. Does the proposal involve any discharges of waste material to surface waters? If so, describe the type of waste and anticipated volume of discharge.

   Waste material will not be discharged into the wetlands on the property or on the adjacent property.

b. Ground:

1. Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

   Runoff from the site will be collected, treated and detained in stormwater ponds. These ponds will have some infiltration capacity that will allow discharge to groundwater. This process will replicate the naturally occurring runoff-process. See Level I Downstream Report prepared by AHBL, Inc. for further details.

   Water will be provided by Lakehaven Utilities. The existing well on-site will not be used to meet water requirements of the proposed school and will be abandoned following Washington State Department of Ecology guidelines.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

No waste material will be discharged into the groundwater on the site. The proposed school will be served by sanitary sewer system.

c. Water Runoff (including storm water):

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The primary source of runoff will be stormwater. Stormwater runoff will increase on-site with the conversion of pastureland to impervious surface areas. Runoff from impervious areas will be collected by catch basins and routed through swales and a pipe conveyance system to the detention pond. Runoff released from the detention ponds will be routed to storm water treatment facilities. The proposed detention ponds will discharge runoff to the natural discharge location, the site subsoils and the wetland buffer areas long the west property line.

The detention pond will <u>exceed</u> the flow control requirements of Federal Way, and will meet a higher performance standard that matches predevelopment peak flows <u>and</u> volumes. This higher standard was voluntarily selected because it is the most effective in preventing erosion. For more details, see the Level I Downstream Report by AHBL, Inc. A drainage and grading plan will be submitted to the City of Federal Way for review and approval.

2. Could waste materials enter ground or surface waters? If so, generally describe.

This project will include ornamental plantings and athletic fields. Maintenance of these areas may involve the use of chemicals. Also, if not handled properly, grease and oils spilled onto pavement areas could enter ground or surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

A stormwater drainage system will be designed in accordance with the 1998 King County Stormwater Manual with City of Federal Way amendments. The stormwater drainage plan will be reviewed and approved by City of Federal Way Public Works Department prior to any construction on-site. Also, groundskeepers will be trained in integrated pest management techniques to minimize the use and potential impacts of chemicals in upkeep of the athletic fields.

The proposed detention ponds will provide flow control for runoff from impervious surfaces and will discharge runoff to the natural discharge location, the wetland buffer areas long the west property line and the site subsoils.

The detention facility will exceed the flow control requirements of Federal Way, and will meet a higher performance standard that matches predevelopment peak flows and volumes. This higher standard was voluntarily selected because it is the most effective in preventing erosion. Water quality facilities will treat the detained runoff before it is released. Detention facilities will have some infiltration capacity and will aid groundwater recharge. For more details, see the Level I Downstream Report by AHBL, Inc.

4. PLANTS

a. Check or circle type of vegetation found on the site.

X deciduous tree: **alder**, **maple**, aspen, other: **cottonwood**
X evergreen tree: **fir**, **cedar**, pine, other
X shrubs **salmonberry**, **Douglas' spiraea**,
X grass X pasture _ crop or grain
X wet soil plants: cattail, buttercup, bullrush, **skunk cabbage**, other: **giant horsetail**, **bracken fern**, **Indian plum**, **red huckleberry**, **sword fern**, **false lily-of-the-valley**, **creeping buttercup**, **black hawthorn**, and **slough sedge**
_ water plants: water lily, eelgrass, milfoil, other
_ other types of vegetation _____

b. What kind and amount of vegetation will be removed or altered?

Most of the existing grasses and trees on approximately 32 acres of the 37.67 acre site will be removed for construction of the building, parking, and bus loading areas, and athletic fields. No vegetation will be removed or altered within the wetlands. Some storm drainage facilities and an access trail for educational purposes may be located in the wetland buffer. The project will follow the City's regulations governing significant tree preservation.

c. List threatened or endangered species known to be on or near the site.

To our knowledge, there are no threatened or endangered plant species on or near the site.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Proposed landscaping will include native and introduced evergreen and deciduous shrubs, trees, and groundcover in addition to mulched planting beds and lawns for play areas and appearance.

5. ANIMALS

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: **hawk**, heron, eagle, **songbirds**, other:
mammals: deer, bear, elk, beaver, other: **small rodent and domestic pets**
fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.

To our knowledge, no threatened or endangered animal species are on or near the site.

c. Is the site part of a migration route? If so, explain.

The site lies within the Western Flyway for Migratory Birds.

d. Proposed measures to preserve or enhance wildlife, if any:

Construction activities will not be allowed in the habitat protection zone. During construction the habitat area will be fenced to prevent degradation.

6. ENERGY AND NATURAL RESOURCES

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electricity will be used for power and illumination. Natural gas is available at the site along 16th Avenue South and will be used for cooking

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

This project is not expected to affect the potential use of solar energy by adjacent properties due to the City of Federal Way zoning restrictions on allowable building heights and setbacks and conditions placed on any variances to the height restriction.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

The building will be oriented for solar gain. Construction will meet the Washington Energy Code. An Energy Management System will be included in the design.

7. ENVIRONMENTAL HEALTH

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No environmental health hazards are foreseen.

1. Describe special emergency services that might be required.

Fire, police, and/or emergency medical services will be required in the event of an emergency.

2. Proposed measures to reduce or control environmental health hazards, if any.

The applicant will conform to applicable environmental codes and regulations.

b. Noise.

1. What types of noise exist in the area which may affect your project (for example: traffic, equipment operation, other)?

The primary source of noise in the area is from traffic along Interstate 5. Building materials will need to meet the state requirements for insulation from exterior noise levels. This noise is not expected to have an adverse impact on this project.

2. What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example: traffic, construction operation, other)? Indicate what hours noise would come from the site.

Construction activity at the project site will vary considerably as the construction progresses. Also, because the noise produced on the site depends on the equipment being used, the noise will vary from day to day. Maximum noise levels can be expected to range from 57 to 89 dBA (based on a construction activity noise model, described in *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances*). Noise associated with construction operations on the site will occur roughly between the hours of 7:00 a.m. to 6:00 p.m., Monday through Friday.

There will be some noise generated by regular, ongoing school activities such as bus traffic and the voices of students. Some noise-generating events occur on the athletic fields after school and on weekends. Large spectator events such as football will not occur on the site.

3. Proposed measure to reduce or control noise impacts, If any:

Noise impacts associated with construction phases of the project will be limited in duration. To mitigate general noise impacts during the construction phases, measures such as using and regularly maintaining efficient mufflers and quieting devices on all construction equipment and vehicles will be taken. Construction equipment will be located as far away as possible from sensitive areas and construction hours will roughly be limited to the normal workday, 7:00 a.m. to 6:00 p.m.

The impacts of noise from the athletic fields will be mitigated by retaining vegetation in the wetland buffer and by limiting how late activities may occur.

8. LAND AND SHORELINE USE

a. What is the current use of the site and adjacent properties?

The current use of the site is pasture and a single-family residence. Adjacent properties to the north contain single-family residences and the Federal Way Bethel Baptist Church. To the south are single-family residences and South 364th Way. To the east is 16th Avenue South and single-family residences. To the west are lands

owned by the City of Federal Way that contain wetlands and the Hylebos Creek.

b. Has the site been used for agriculture? If so, describe.

The site was used as a dairy farm in the past.

c. Describe any structures on the site.

A single-family residence, garage, and outbuildings exist near the east side of the site along 16th Avenue South.

d. Will any structures be demolished? If so, what?

The house, garage, and all outbuildings will be demolished, and the well in the site will be abandoned following Department of Ecology guidelines.

e. What is the current zoning classification of the site?

The City of Federal Way has designated the parcel as Single-Family Residential (RS 35.0).

f. What is the current comprehensive plan designation of the site?

The City of Federal Way Comprehensive Plan has designated the parcel as Medium Density – Single-Family Residential.

g. If applicable, what is the current shoreline master program designation of the site?

Does not apply.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes. Wetlands exist on the site. The Sensitive Areas Study by Adolfson Associates, Inc. provides more detail as to their location and size.

i. Approximately how many people would reside or work in the completed project?

By the Fall of 2003 school year opening, it is anticipated that approximately 115 staff (including teachers, administrators and other support staff) will be employed and approximately 1,300 students will be enrolled at the school.

j. Approximately how many people would the completed project displace?

The project will displace approximately four people from the existing residence on the site.

k. Proposed measures to avoid or reduce displacement impacts, if any:

No measures are proposed.

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The proposal is compatible with the City of Federal Way regulations, which allows school uses in the Single-Family Residential (RS 35.0) zone after Process III Review as defined by Article VI of the City of Federal Way Zoning Code.

9. HOUSING

a. Approximately how many units would be provided, If any? Indicate whether high, middle, or low-income housing.

Does not apply.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

One middle income single-residence will be eliminated from the site.

c. Proposed measures to reduce or control housing impacts, if any:

No measures are proposed.

10. AESTHETICS

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

The tallest structure is 70 feet. Exterior building materials will be masonry base with metal and/or stucco siding above. Roofing material will be asphalt shingles, metal, or low-slope membrane roof.

b. What views in the immediate vicinity would be altered or obstructed?

Zoning and setback requirements that govern the placement of the buildings on the site will control views required for safety or aesthetics.

c. Proposed measures to reduce or control aesthetic impacts, if any:

Ornamental plantings will be used to enhance the project.

11. LIGHT AND GLARE

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Glare may result from window surfaces. Interior lighting from the buildings may be noticeable. Exterior building lighting will be used for safety and security purposes. Lighting will also be used along sidewalks, in the parking areas, in some of the landscaped areas, and for athletic fields.

b. Could light or glare from the finished project be a safety hazard, interfere with views, or affect wildlife?

Light or glare from the finished high school is not expected to be a safety hazard, interfere with views, or affect wildlife.

c. What existing off-site sources of light or glare may affect your proposal?

With the exception of Interstate 5 traffic, there are no off-site sources of light or glare that will impact this proposal.

d. Proposed measures to reduce or control light and glare impacts, if any:

Site lighting will be directed downward and away from adjacent properties. The exterior lighting system will be planned to prevent glare off reflective surfaces and provide adequate lighting for security purposes.

12. RECREATION

a. What designated and informal recreational opportunities are in the immediate vicinity?

The Hylebos State Park is northwest of the site.

b. Would the proposed project displace any existing recreational uses? If so, describe.

The proposed project will not displace any recreational uses.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or application, if any:

Athletic fields will provide opportunity for after school hours use at the Federal Way School District's discretion.

13. HISTORIC AND CULTURAL PRESERVATION

a. Are there any places or objects listed on, or proposed for, nation, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No known places or objects associated with the site are known to be on any historical register.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

There are no known landmarks or events of historic importance associated with or in the immediate vicinity of the site.

c. Proposed measures to reduce or control impacts, if any.

If culturally significant objects are found during site preparation work, the Washington State Office of Archaeology and Historic Preservation will be notified.

14. TRANSPORTATION

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any:

The site lies on the northwest corner of 16th Avenue South and South 364th Way. Primary access points to the site will be provided off of 16th Avenue South. Inbound and outbound bus traffic will use 16th Avenue South. A maintenance road may provide limited access to South 364th Way. A future connection to shared parking with the adjacent church is possible. The church parking lot accesses South 359th Street.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is not served by Metro Transit. The nearest Metro Transit stop is located along 348th Street South at the South Federal Way Park and Ride. Pierce Transit does not serve the site directly either. The nearest transit stop for Pierce Transit Route 402 is at State Route 161 and South 356th Street a quarter mile north of the site.

Pierce Transit Route 500 runs along State Route 99 one-half mile west of the site.

c. How many parking spaces would the completed project have? How many would the project eliminate?

The proposed site plan provides 140 stalls for staff and visitors and 315 stalls for student parking (including 9 parking spaces for disabled persons). There will be space for potential expansion of the student parking area of 105 stalls. The bus loading area will provide space for six buses. It will eliminate two residential parking spaces.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

Appropriate traffic mitigation measures will be undertaken by the project. Please refer to the Traffic Impact Analysis prepared by The Transpo Group. Frontage improvements including curb, gutter, sidewalk, drainage, and street lighting will be provided as well as other measures identified in the Traffic Impact Analysis.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

The project will not use water, rail, or air transportation.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Please refer to the Traffic Impact Analysis prepared by the Transpo Group in June 2000 for all traffic volume figures.

g. Proposed measures to reduce or control transportation impacts, if any:

Appropriate traffic mitigation measures will be undertaken by the project.

15. PUBLIC SERVICES

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

Although the school provides a needed public service, it will result in an increased need for fire and police protection.

b. Proposed measures to reduce or control direct impacts on public services, if any:

This project supplements public services by providing an educational facility for the residents within the Federal Way School District. The proposed development will incorporate design ideas that will help to reduce crime. These ideas include lighting, site fencing, parking lot layout, and landscaping which are sensitive to providing on site visibility for safety. The buildings will be equipped with a monitored fire alarm system to help reduce the risk of a fire spreading.

16. UTILITIES

a. Circle utilities currently available at the site: **electricity**, **natural gas**, **water**, **refuse service**, **telephone**, sanitary sewer, septic system, other (please list).

An existing water main located along 16th Avenue South will provide water to the site.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Utility purveyors serving the site are:

Electricity:	**Puget Sound Energy**
Natural Gas:	**Puget Sound Energy**
Telephone:	**US West**
Water:	**Lakehaven Utilities**
Sewer:	**Lakehaven Utilities**

A water main loop around the building will be constructed with fire hydrants and fire service to the building sprinkler system. The new water main will connect to the existing Lakehaven Utility District water main in 16th Avenue South.

A connection with the existing Lakehaven Utility District sanitary sewer in South 359th Street is required to provide sewer service to the site. The route of the new sewer to service the high school will be determined through discussion with Lakehaven Utility District.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

SIGNATURE: _____

DATE SUBMITTED: 6/23/00

MetroScan Full Legal — APN:292104 9131

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MetroScan Full Legal — APN:292104 9025

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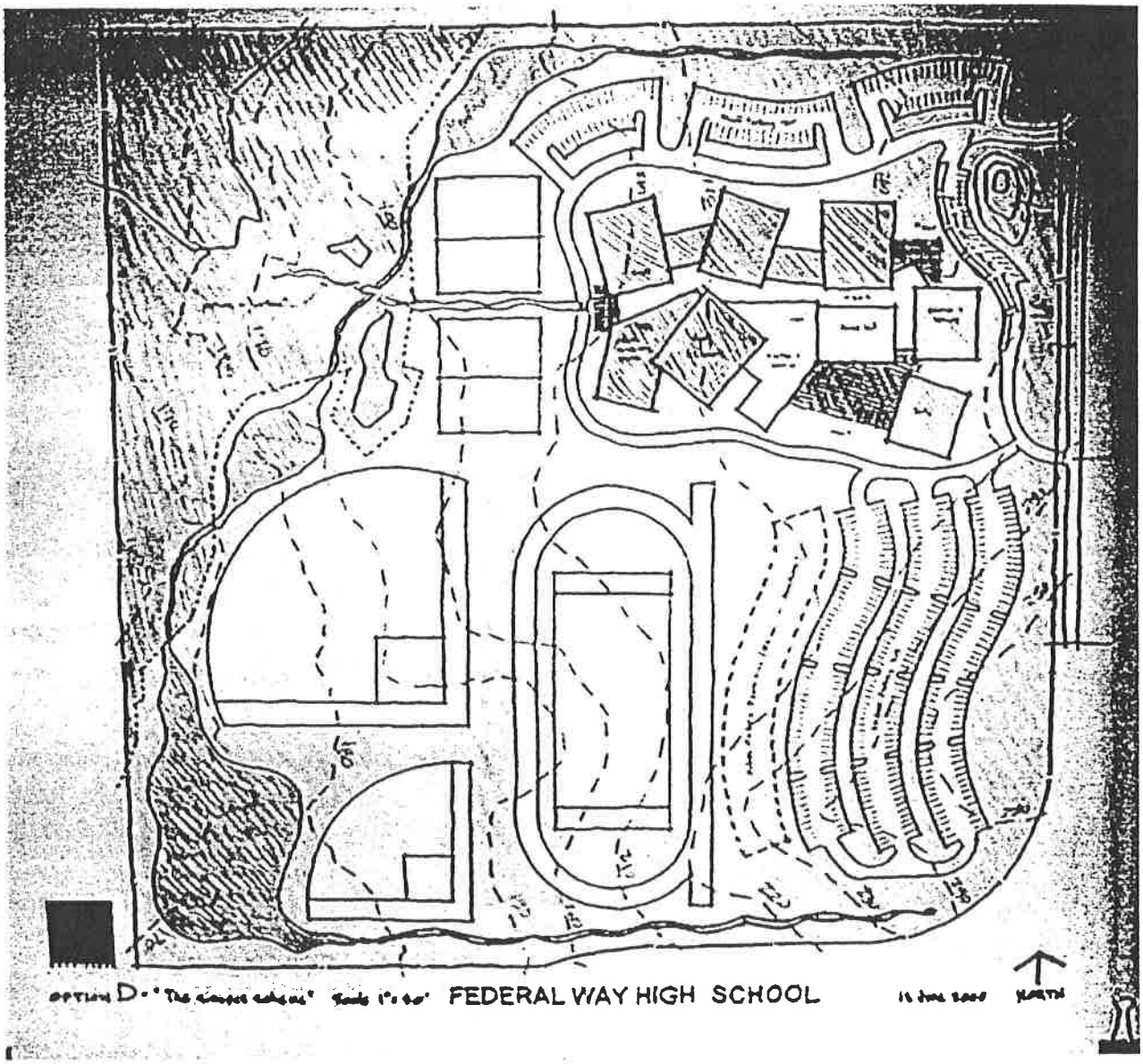
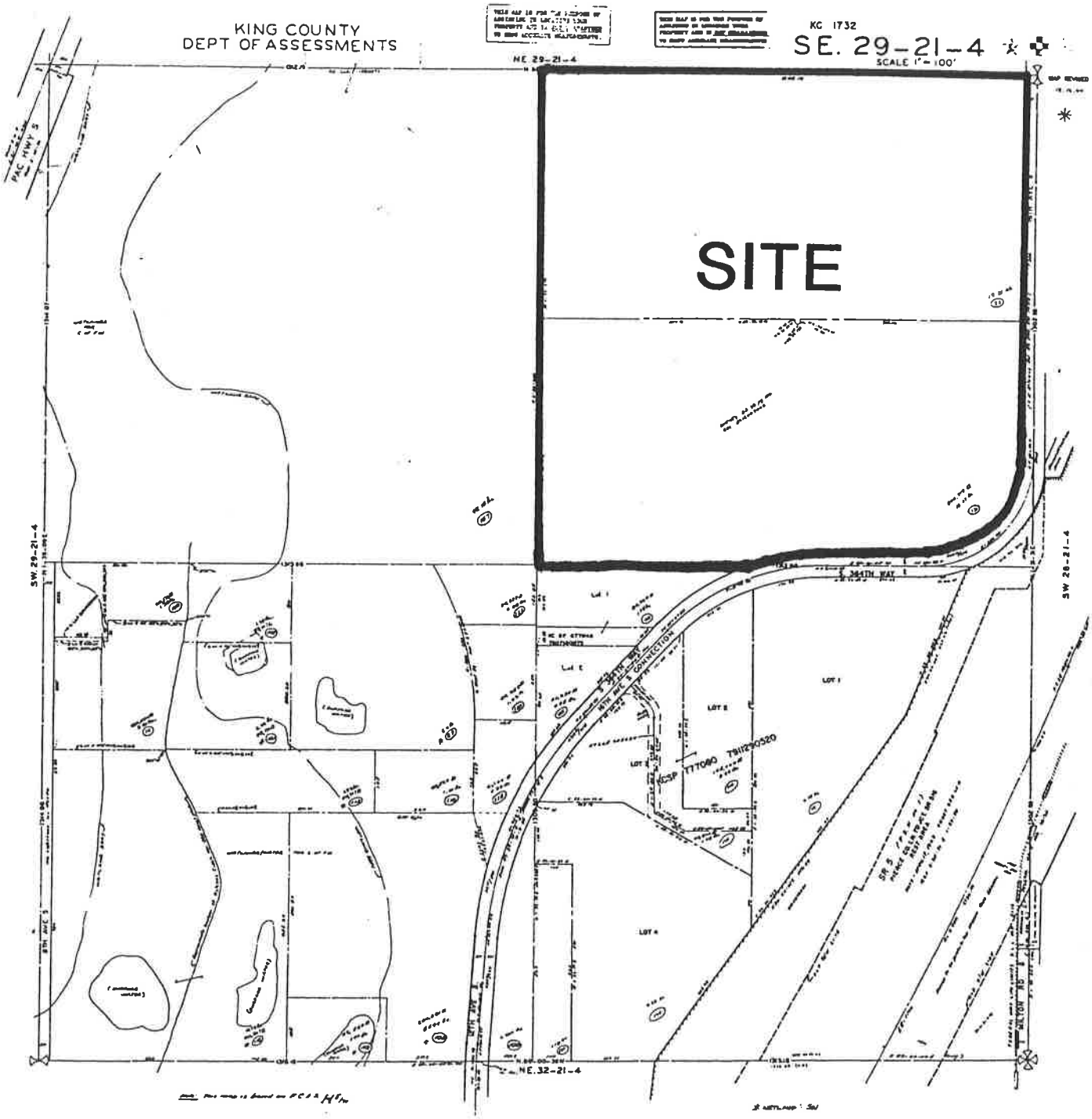
New High School in Federal Way

Legal Description

Exhibit I



AHBL CIVIL & STRUCTURAL ENGINEERS LAND PLANNERS • LANDSCAPE ARCHITECTS 2215 North 30th Suite 300 • TACOMA, WA 98403 (253) 383-2422 • FAX: (253) 383-2572	New High School in Federal Way Site Plan	Exhibit II



AHBL CIVIL & STRUCTURAL ENGINEERS LAND PLANNERS • LANDSCAPE ARCHITECTS 2215 North 30th Suite 300 • TACOMA, WA 98403 (253) 383-2422 • FAX: (253) 383-2572	New High School in Federal Way Parcel Map	Exhibit III